IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: AKIRA, Sekiya et al

Appl. No.: NEW Group:

Filed: October 8, 2003 Examiner:

For: POROUS CALCIUM FLUORIDE, ITS PRODUCING

METHOD, CATALYST FOR HYDROGENATION REACTION, AND METHOD FOR PRODUCING

TRIHYDROFLUOROCARBON

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

October 8, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. This application was filed before June 30, 2003. Accordingly, submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. Main This application was filed on or after June 30, 2003. Accordingly, copies of cited US patents and patent application publications therefore are not included. Copies of foreign patent documents and non-patent literature are

included.

c. This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

a. DOCUMENTS IN THE ENGLISH LANGUAGE

The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ENGLISH LANGUAGE SEARCH REPORT

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. | OTHER

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Marc S. Weiner, #32,181

P.O. Box 747
Falls Church, VA 22040-0747

(703) 205-8000

Attachment(s):

⊠ Form PTO-1449(s)

MSW/smt 4252-0103P

□ Documents

Foreign Search Report

T Fee

Other:

(Rev. 09/30/03)

Form PTO-1449					ATTY. DOCKET NO. 4252-0103P	NEW			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)					AKIRA, Sekiya et al				
					FILING DATE October 8, 200	GROUP			
<u> </u>			υ.	S. PATENT D	OCUMENTS				
EXAMINER INITIAL	DOCU	MENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS		G DATE ROPRIATE
		US					1		
		us				 	 		
	US					1	1		-
	US			<u>-</u>			1		
	US					1			
	US							1	
	US					<u> </u>	1		
	US								
	US						1		
		US							
	•		FOR	EIGN PATENT	DOCUMENTS		<u></u>	!	
	Office DOCUMENT		Kind	DATE	COUNTRY	CLASS	SUB	TRANSLATION	
		NUMBER					CLASS	YES	NO
	JP	2002-293538	Α	2002-10-09	JAPAN (ABSTRACT ONLY				
						ļ			
OTHER journal, se	R DOCU	MENTS (Include Name lum, catalog, etc.) date,	e of the author page(s), volu	or (in CAPITAL LETTERS), nme-issue number(s), publ	title of the article (when appropriate, city and/or country where	riate), tit published.	:le of the it	em (book, r	magazine,
Heng-Dao Quan et al, Journal of Fluorine Chemistry 116, pgs. 65-69 (2002)									
	Sekiya et al, Preparation of new porous calcium fluride as support of catalyst using for the synthesis of CFCs alternative compounds, pgs. 1-14, 16 th Winter Fluorine Conference (January 12-17, 2003)								
		• .							
EXAMINER					DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
Considered.	INCIDE CO	AL OF CHIR TOLM MICH DEXC	Communitation	to appricant.					